

## Astoria (Youngs Bay), OR - Jul 1832

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 2:37  | 9.4 | 4:09  | 8.2 | 9:38  | -1.5 | 9:48  | 2.1 | 4:34                                                                                | 8:17 |    |
| 2    | Mon | 3:33  | 8.8 | 4:58  | 8.3 | 10:25 | -1.0 | 10:46 | 2.0 | 4:35                                                                                | 8:17 |    |
| 3    | Tue | 4:32  | 8.1 | 5:47  | 8.3 | 11:13 | -0.4 | 11:49 | 1.9 | 4:35                                                                                | 8:16 |    |
| 4    | Wed | 5:36  | 7.3 | 6:38  | 8.3 |       |      | 12:03 | 0.3 | 4:36                                                                                | 8:16 |    |
| 5    | Thu | 6:47  | 6.7 | 7:29  | 8.3 | 12:57 | 1.6  | 12:57 | 1.0 | 4:37                                                                                | 8:16 |    |
| 6    | Fri | 8:01  | 6.3 | 8:20  | 8.4 | 2:06  | 1.3  | 1:53  | 1.6 | 4:37                                                                                | 8:15 |    |
| 7    | Sat | 9:13  | 6.3 | 9:09  | 8.5 | 3:11  | 0.8  | 2:50  | 2.1 | 4:38                                                                                | 8:15 |    |
| 8    | Sun | 10:18 | 6.5 | 9:55  | 8.6 | 4:08  | 0.3  | 3:43  | 2.4 | 4:39                                                                                | 8:14 |    |
| 9    | Mon | 11:14 | 6.8 | 10:38 | 8.7 | 4:58  | -0.2 | 4:34  | 2.6 | 4:40                                                                                | 8:14 |    |
| 10   | Tue |       |     | 12:03 | 7.0 | 5:43  | -0.4 | 5:21  | 2.8 | 4:41                                                                                | 8:13 |    |
| 11   | Wed |       |     | 12:48 | 7.2 | 6:25  | -0.6 | 6:06  | 2.8 | 4:41                                                                                | 8:13 |    |
| 12   | Thu |       |     | 1:29  | 7.3 | 7:03  | -0.7 | 6:49  | 2.8 | 4:42                                                                                | 8:12 |   |
| 13   | Fri | 12:33 | 8.6 | 2:07  | 7.4 | 7:39  | -0.7 | 7:30  | 2.8 | 4:43                                                                                | 8:11 |  |
| 14   | Sat | 1:09  | 8.5 | 2:43  | 7.4 | 8:12  | -0.7 | 8:09  | 2.7 | 4:44                                                                                | 8:11 |  |
| 15   | Sun | 1:44  | 8.4 | 3:16  | 7.4 | 8:43  | -0.6 | 8:47  | 2.6 | 4:45                                                                                | 8:10 |  |
| 16   | Mon | 2:21  | 8.2 | 3:48  | 7.4 | 9:12  | -0.4 | 9:26  | 2.4 | 4:46                                                                                | 8:09 |  |
| 17   | Tue | 3:00  | 7.9 | 4:20  | 7.4 | 9:43  | -0.2 | 10:07 | 2.3 | 4:47                                                                                | 8:08 |  |
| 18   | Wed | 3:44  | 7.4 | 4:53  | 7.5 | 10:16 | 0.1  | 10:54 | 2.1 | 4:48                                                                                | 8:08 |  |
| 19   | Thu | 4:36  | 6.9 | 5:31  | 7.7 | 10:54 | 0.6  | 11:51 | 1.9 | 4:49                                                                                | 8:07 |  |
| 20   | Fri | 5:39  | 6.4 | 6:15  | 7.9 | 11:40 | 1.1  |       |     | 4:50                                                                                | 8:06 |  |
| 21   | Sat | 6:56  | 6.0 | 7:06  | 8.1 | 12:59 | 1.6  | 12:36 | 1.7 | 4:51                                                                                | 8:05 |  |
| 22   | Sun | 8:19  | 6.0 | 8:02  | 8.5 | 2:11  | 1.1  | 1:42  | 2.2 | 4:52                                                                                | 8:04 |  |
| 23   | Mon | 9:36  | 6.2 | 9:01  | 8.8 | 3:19  | 0.4  | 2:50  | 2.5 | 4:53                                                                                | 8:03 |  |
| 24   | Tue | 10:42 | 6.6 | 9:59  | 9.2 | 4:20  | -0.4 | 3:56  | 2.6 | 4:54                                                                                | 8:02 |  |
| 25   | Wed | 11:40 | 7.1 | 10:56 | 9.6 | 5:17  | -1.0 | 4:58  | 2.5 | 4:56                                                                                | 8:01 |  |
| 26   | Thu |       |     | 12:33 | 7.5 | 6:10  | -1.6 | 5:56  | 2.2 | 4:57                                                                                | 7:59 |  |
| 27   | Fri |       |     | 1:22  | 7.9 | 6:59  | -1.9 | 6:52  | 1.9 | 4:58                                                                                | 7:58 |  |
| 28   | Sat | 12:44 | 9.8 | 2:08  | 8.1 | 7:47  | -2.0 | 7:46  | 1.6 | 4:59                                                                                | 7:57 |  |
| 29   | Sun | 1:36  | 9.5 | 2:53  | 8.3 | 8:31  | -1.8 | 8:39  | 1.3 | 5:00                                                                                | 7:56 |  |
| 30   | Mon | 2:29  | 9.1 | 3:37  | 8.4 | 9:14  | -1.4 | 9:31  | 1.1 | 5:01                                                                                | 7:55 |  |
| 31   | Tue | 3:22  | 8.5 | 4:21  | 8.4 | 9:56  | -0.8 | 10:24 | 1.1 | 5:03                                                                                | 7:53 |  |